Claims

1) A process for identifying cancerogenic agents, wherein the potentially cancerogenic agents are administered to a mammal with a DNA repair disturbance caused by inhibiting the poly(ADP-ribose)polymerase.

2) The ~~process~~ *method* according to claim 1, wherein the inhibition of the poly(ADP ribose)polymerase is caused by the expression of a dominant negative poly(ADP ribose)polymerase.

3) The ~~process~~ *method* according to claim 1 or 2, wherein the inhibition of the poly(ADP ribose)polymerase is made by a transgenic operation.

4) The ~~process~~ *method* according to any one of claims 1 to 3, wherein the mammal used is a transgenic mouse.

5) The ~~process~~ *method* according to any one of claims 1 to 4, wherein the potentially cancerogenic agents are administered by topical application.

6) The ~~process~~ *method* according to any one of claims 1 to 5, wherein the mammal expresses transgenically the DNA construct shown in figure 1.

7) Use of a mammal with DNA repair disturbance caused by inhibiting poly(ADP ribose)polymerase for carrying out the process according to any one of claims 1 to 6.

8) Use according to claim 7, wherein the inhibition of the poly(ADP ribose)polymerase is caused by expression of a dominant negative poly(ADP ribose)polymerase.

9) Use according to claim 7 or 8, wherein the mammal is a transgenic mouse.